



0765-01 (2)

Docket No.: DO-
050767/P006US/10006222-12.02
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Matthew D. Ellis et al.

Application No.: 09/884,205

Filed: June 19, 2001

Group Art Unit: ~~Not Yet Assigned~~ 1746

Examiner: ~~Not Yet Assigned~~ Alamy

For: SYSTEM AND METHOD FOR POST-
FABRICATION REDUCTION OF
MINIMUM FEATURE SIZE SPACING
MICROCOMPONENTS

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: July 9, 2001

Signature: Gail Miller
(Gail Miller)

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date OR within three months of the date of entry of the national stage of a PCT application as set forth in 37 CFR 1.97(b), whichever event occurs last. No certification or fee is required.

A copy of each reference on PTO/SB/08 is attached.

A concise explanation of relevance of the items listed on form PTO/SB/08 is:

☒ [X] not given

☐ [] given for each listed item

☐ [] given for only non-English language listed items



[] in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.


In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Commissioner is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2380, under Order No. DO-050767/P006US/10006222.

Dated: July 9, 2001

Respectfully submitted,

By


Jody C. Bishop

Registration No.: 44,034

FULBRIGHT & JAWORSKI L.L.P.

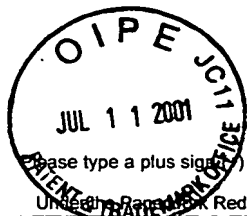
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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/884,205
				Filing Date	June 19, 2001
				First Named Inventor	Matthew D. Ellis
				Group Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	DO-050767/P006US/10006222

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A	09/569,328		Ellis et al.		
	B	09/569,329		Parker et al.		
	C	09/569,330		Merkle et al.		
	D	09/570,170		Ellis et al.		
	E	09/616,500		Ellis et al.		
	F	09/643,011		Ellis et al.		
	G	4,740,410		Muller et al.	04-26-1988	
	H	5,645,684		Keller	07-08-1997	
	I	5,660,580		Keller	08-26-1997	
	J	3,439,416		Yando	04-22-1969	
	K	5,806,152		Saitou	09-15-1998	
	L	5,818,748		Bertin	10-06-1998	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



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		Attorney Docket Number	DO-050767/P006US/10006222
Sheet	2	of	2

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	M	Thermal Microactuators for Surface Micromachining Processes, Proceedings of the SPIE, V 2642, p. 10-21, 1995.	
	N	A New Pick Up & Release Method By Heating For Micromanipulation, by Fumihito Arai and Toshio Fukuda, January 1997	
	O	Advanced Parts Orientation System Has Wide Application, by H. Hitakawa, August 1988	
	P	Design, Fabrication, and Characterization of Single Crystal Silicon Latching Snap Fasteners for Micro Assembly, by Rama Prasad et al., Nov. 1995	
	Q	Fluidic Self-Assembly of Microstructures and its Application to the Integration of GaAs on Si, by Hsi-Jen J. Yeh and John S. Smith, January 1994	
	R	Hexsil Tweezers for Teleoperated Microassembly, by C. G. Keller and R. T. Howe, January 1997	
	S	Microassembly Technologies for MEMS, by Michael B. Cohn et al	
	T	Microfabricated High Aspect Ratio Silicon Flexures, by Chris Keller, 1998	
	U	Self-Assembling Electrical Networks: An Application of Micromachining Technology, by Michael B. Cohn et al., May 1991	
	V	Surface-Micromachined Components for Articulated Microrobots, by Richard Yeh, et al., March 1996	
	W	Survey of Sticking Effects for Micro Parts Handling, by Ronald S. Fearing, April 1995	

Examiner Signature		Date Considered	
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